

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS COMPLIANCE STATUS INFORMATION

Form Approved
OMB No. 158-R0131

I. SOURCE REPORT

INSTRUCTIONS: Owners or operators of sources of hazardous pollutants subject to the National Emission Standards for Hazardous Air Pollutants are required to submit the information contained in Section I to the appropriate U. S. Environmental Protection Agency Regional Office prior to 90 days after the effective date of any standards or amendments which require the submission of such information.

A listing of regional offices is provided in § 61.04.

PLEASE NOTE: Do not write in shaded areas.

A. SOURCE INFORMATION

1. IDENTIFICATION/LOCATION - Indicate the name and address of each source.

1 REGION	2 STATE	5 COUNTY	9 SOURCE NUMBER	14 000	17 00	19 1	20 AOCR #
23 CITY CODE	27 SOURCE NAME DOW CHEMICAL COMPANY						
26 CITY			47 STREET ADDRESS (LOCATION OF PLANT)				66 80
20 CITY NAME			34 STATE		35 48640		
40 STATE REGIS. NUMBER		54 NEDS X REF	59 SIC	62 FF	65 A/P	77 STAFF	80
19 5		30 CS	31 SIP	49 EC	80		

2. CONTACT - Indicate the name and telephone number of the owner or operator or other responsible official whom EPA may contact concerning this report.

DUP 1-18	19 41	21 FRANK M BROWER	43 517	44 AREA CODE
47 NUMBER	54 5902			

3. SOURCE DESCRIPTION - Briefly state the nature of the source (e.g., "Chlor-alkali Plant" or "Machine Shop").

DUP 1-18	19 42	21 CHLOR ALKALI PLANT	50 CELL MANUFACT
51 CTURING	853	79 BUILDING	80

4. ALTERNATIVE MAILING ADDRESS - Indicate an alternative mailing address if correspondence is to be directed to a location different than that specified above.

DUP 1-18	19 43	21 NUMBER	45 STREET OR BOX NUMBER	80
DUP 1-18	19 20	21 CITY	35 STATE	40 ZIP

5. COMPLIANCE STATUS - The emissions from this source ☒ can ☐ cannot meet the emission limitations contained in the National Emission Standards prior to 90 days after the effective date of any standards or amendments which require the submission of such information.

Frank M. Brower
Signature of Owner, Operator or Other Responsible Official

NOTE: If the emissions from the source will exceed those limits set by the National Emission Standards for Hazardous Air Pollutants, the source will be in violation and subject to Federal enforcement actions unless granted a waiver of compliance by the Administrator of the U.S. Environmental Protection Agency. The information needed for such waivers is listed in Section II of this form.

1. **B. PROCESS INFORMATION.** Part B should be completed separately for each point of emission or each hazardous pollutant.
[Sources subject to 61.22 (1) may omit number 4. below.]

DUP 1-13	14	16	17	18	19	20	SCC	27	28	29	30	31
			0	0	5				NEDS	X	REF	SIP

1. **POLLUTANT EMITTED** - Indicate the type of hazardous pollutant emitted by the process. Indicate "AB" for asbestos, "BE" for beryllium, or "HG" for mercury.

A	B	34	REGULATION	48	49
32	33				EC

POLLUTANT

2. **PROCESS DESCRIPTION** - Provide a brief description of each process (e.g., "hydrogen end box" in a mercury chlor-alkali plant, "grinding machine" in a beryllium machine shop). Use additional sheets if necessary.

A	S	B	E	S	T	O	S	C	O	A	T	E	D	D	I	A	P	H	R	A	G	M
50																						74
PROCESS DESCRIPTION																						

DUP 1-18	19	20	21											50
51											79	80		
DUP 1-18	19	20	21											50
51											79	80		

3. **AMOUNT OF POLLUTANT** - Indicate the average weight of the hazardous material named in Item 1 which enters the process in pounds per month (based on the previous 12 months of operation).

DUP 1-18	19	20	21	5	0	0	0	29	30	80
								LIBS	/	MO

4. CONTROL DEVICES

- a. Indicate the type of pollution control devices, if any, used to reduce the emissions from the process (e.g., venturi scrubber, baghouse, wet cyclone) and the estimated percent of the pollutant which the device removes from the process gas stream.

DUP 1-18	19	20	21	PRIMARY CONTROL DEVICE										43								
45	D	R	Y	C	Y	C	L	O	N	E	U	N	I	T	64	66	70	9	0	72	79	80
PRIMARY DEVICE NAME														PERCENT REMOVAL EFFICIENCY		%						
DUP 1-18	19	20	21	SECONDARY CONTROL DEVICE										45								
47	B	A	G	F	I	L	T	E	R	U	N	I	T	64	66	70	9	9	9	72	79	80
SECONDARY DEVICE NAME														PERCENT REMOVAL EFFICIENCY		%						

- b. Asbestos Emission Control Devices Only

- i. If a baghouse is specified in Item 4a, give the following information:

- The air flow permeability in cubic feet per minute per square foot of fabric area.

Air flow permeability = 1000 cfm/ft²

- The pressure drop in inches water gauge across the filter at which the baghouse is operated.

Operating pressure drop = 5.5 inches w.g.

- If the baghouse material contains synthetic fill yarn, check whether this material is ☐ spun ☐ or not spun.

If the baghouse utilizes a felted fabric, the minimum thickness in inches and the density in ounces per square yard.

Thickness = _____ inches

Density = _____ oz/yd²

ii. If a wet collection device is specified in Item 4a, give the designed unit contacting energy in inches water gauge.

• Unit contacting energy = _____ inches w.g.

C. **DISPOSAL OF ASBESTOS-CONTAINING WASTES.** Part C should be completed separately for each asbestos-containing waste generation operation arising from sources subject to § 61.22 (a), (c), (e), and (h).

DUP 1-13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
REGULATION													SCC	NEDS X REF		CS	SIP
A B													48	49	50	51	

1. **WASTE GENERATION** - Provide a brief description of each process that generates asbestos-containing waste (e.g., disposal of control device wastes).

REMOVE & REPLACE FILTER BAGS													79	80
PROCESS DESCRIPTION														

2. **ASBESTOS CONCENTRATION** - Indicate the average percentage asbestos content of waste materials.

DUP 1-18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
ASBESTOS CONCENTRATION															100		
%															45	48	

3. **AMOUNT OF WASTES** - Indicate the average weight of asbestos-containing wastes disposed of, measured in kg/day.

DUP 1-18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
0.015															K/G/DAY		

4. **CONTROL METHODS** - Indicate the emission control methods used in all stages of waste disposal, from collection, processing, and packaging to transporting and disposition.

DUP 1-13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
PRIMARY CONTROL METHOD																	
ENTIRE BAG REMOVED SEALED IN PLASTIC																	
BAG BURIED IN LANDFILL NEW																	
BAG INSTALLED IN BAG FILTER																	

5. **WASTE DISPOSAL** - Indicate the type of disposal site (sanitary landfill, open, covered) or incineration site (municipal, private) where the waste is disposed of and who operates the site (company, private, municipal). State the name and location of the site (closest city or town, county, state).

DUP 1-18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
TYPE OF SITE																		INDUSTRIAL SANIT	
ARY COVERED LANDFILL																		50	
OPERATOR																		DOW CHEMICAL COMPANY	
51																		79	

DUP 1-18 67 LOCATION 19 20 21 29

M I D L A N D M I C H I G A N 31 70
71 79 80

D. WASTE DISPOSAL SITES. Part D should be completed separately for each asbestos waste disposal site subject to section 61.22 (i).

DUP 1-18 14 16 00 5 20 SCC 27 28 29 NEDS X REF 30 CS 31 SIP
A B 32 33 34 REGULATION 48 49 EC
POLLUTANT
W A S T E D I S P O S A L S I T E 50 62 80

1. DESCRIPTION - Provide a brief description of the site, including its size and configuration, and the distance to the closest city or town, closest residence, and closest primary road.

DUP 1-18 61 SITE DESCRIPTION 19 20 21 37 100 ACRES WE 39 50

S T O F P O S E Y V I L L E R O A D 51 79 80

DUP 1-18 62 DISTANCE 19 20 21 29 30 TOWN 34 10.5 36 40 42 43 KM

R E S I D E N C E 45 54 0.15 56 60 62 63 65 69 0.06 71 75

KM 77 78 80

2. INACTIVATION - After the site is inactivated, indicate the method or methods used to comply with the standard and send a list of the actions that will be undertaken to maintain the inactivated site.

DUP 1-18 63 COMPLIANCE METHOD / INACTIVE SITE 19 20 21 52

A S I N 4 0 0 F R I S E C 1 6 1 1 2 2 54 79 80